



PTO/SB/08A (08-03)

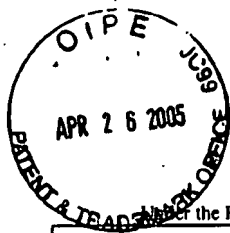
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/524,318	
				Filing Date	02-09-2005	
				First Named Inventor	Sandrine, et al.	
				Art Unit	Unassigned 1651	
				Examiner Name	Unassigned Aaron Kosar	
				Attorney Docket Number	L108 1010.1	
Sheet	1	of	2			
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/A.K./		3,959,457	05-25-1976	Speaker et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
/A.K./	F1	EP 0 480 729 A1	04-15-1992	Korea Research Inst. Of Chem. Technology		
	F2	EP 0 454 044 A2	10-30-1991	Hoechst Aktiengesellschaft		
/A.K./	F3	EP 0 338 499 A2	10-25-1989	Nabisco Brands, Inc.		
	F4	EP 0 273 823 A1	07-06-1988	Mero Rousselotsatia, Societe anonyme		
/A.K./	F5	EP 0 213 303 A2	03-11-1987	Magnus, Ekman Bo Mänstigen 9		
/A.K./	F6	WO 93/13757	01-18-1993	Alfa-Tec-Pharma, GMBH	(English Abstract)	
/A.K./	F7	WO 92/00732	01-23-1992	Kabi Pharmacia AB		
Examiner Signature	/Aaron Kosar/			Date Considered	08/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 27 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/O8B (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/524,318
				Filing Date	02-09-2005
				First Named Inventor	Sandrine, et al.
				Art Unit	Unassigned 1651
Examiner Name	Unassigned Aaron Kosar				
Sheet	2	of	2	Attorney Docket Number	L108 1010.1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.	T²
/A.K./	AA	AYDIN, Z. AND AKBUGA, J., "Preparation and evaluation of pectin beads", <i>Inter. J. Pharm.</i> , v. 137, p133-136, 1996.	
	BB	KRISHNAIAH, Y.S.R., et al., "Evaluation of guar gum as compression coat for drug targeting to colon", <i>Inter. J. Pharm.</i> , v171, p137-146, 1998.	
	CC	MILOJEVIC, S., et al., "Amylose as a coating for drug delivery to the colon: Preparation and in vitro evaluation using 5-aminosalicylic acid pellets", <i>J. Cont. Release</i> , v37, p75-84, 1996.	
	DD	MUNJERI, O., et al., "Hydrogel beads based on amidated pectins for colon-specific drug delivery: the role of chitosan in modifying drug release", <i>J. Cont. Release</i> , v46, p273-278, 1997.	
	EE	RUBINSTEIN, A., et al., "In Vitro Evaluation of Calcium Pectinate: A Potential Colon-Specific Drug Delivery Carrier", <i>Pharm. Res.</i> v 10:2, p258-263, 1993.	
	FF	RUBINSTEIN, A., et al., "Colonic Drug Delivery: Enhanced Release of Indomethacin from Cross-Linked Chondroitin matrix in Rat Cecal Content", <i>Pharm. Res.</i> v9:2, p276-278, 1992.	
	GG	SRIAMORNSAK, P., "Investigation of pectin as a carrier for oral delivery of proteins using calcium pectinate gel beads", <i>Inter. J. Pharm.</i> , v169, p213-220, 1998.	
↓	HH	SRIAMORNSAK, P., "Effect of calcium concentration, hardening agent and drying condition on release characteristics of oral proteins from calcium pectinate gel beads", <i>Eur. J. Pharm. Sci.</i> , v8, p221-227, 1999.	
/A.K./	JJ	WAKERLY, Z., et al., "Pectin/Ethylcellulose Film Coating Formulations for colonic Drug Delivery", <i>Pharm. Res.</i> v13:8, p1210-1212, 1996.	

Examiner Signature	/Aaron Kosar/	Date Considered	08/13/2007
-------------------------------	---------------	----------------------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.